

AUG 06 2004

PTO/SB/08a (08-03)
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	5	Attorney Docket Number	2107.0580001
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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If Known)			
TW/H	AA1	US-3,374,502	03-26-1968	Lazzara	
	AB1	US-3,390,433	07-02-1968	Barnett et al.	
	AC1	US-3,819,313	06-25-1974	Josephsen et al.	
	AD1	US-4,279,582	07-21-1981	Osuna-Diaz	
	AE1	US-4,380,426	04-19-1983	Wiles	
	AF1	US-4,420,452	12-13-1983	van Dalen et al.	
	AG1	US-4,723,898	02-09-1988	Tsutsumi	
	AH1	US-4,863,369	09-05-1983	Schad et al.	
	AI1	US-5,112,212	05-12-1992	Akselrud et al.	
	AJ1	US-5,141,696	08-25-1992	Osuna-Diaz	
	AK1	US-5,149,547	09-22-1992	Gill	
	AL1	US-5,192,555	03-09-1993	Arnott	
	AM1	US-5,238,378	08-24-1993	Gellert	
	AN1	US-5,260,012	11-09-1993	Arnott	
	AO1	US-5,299,928	04-05-1994	Gellert	
	AP1	US-5,389,315	02-14-1995	Yabushita	
	AQ1	US-5,478,520	12-26-1995	Kasai et al.	
TW/H	AR1	US-5,556,582	09-17-1996	Kazmer	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ⁴ Kind Code ⁵ (in known)				
TW/H	BA1	DE 198 02 048 A1	07-22-1999	Baudisch		
	BB1	EP 0 624 449 A2	11-17-1994	von Buren		
	BC1	EP 0 901 896 A2	03-17-1999	Lee et al.		
	BD1	EP 0 967 063 A1	12-29-1999	Moss et al.		
	BE1	EP 1 013 395 A1	06-28-2000	Kalemba et al.		
TW/H	BF1	JP 11-5232	01-12-1999	Mikio et al.		

Examiner Signature <i>Tom Weebink</i>		Date Considered 4-26-06
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Substitute for form 1449A/PTO				Complete If Known	
				Application Number	10/777,643
				Filing Date	February 13, 2004
				First Named Inventor	Babin et al.
				Art Unit	1722
				Examiner Name	To Be Assigned
Sheet	2	of	5	Attorney Docket Number	2107.0580001

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
TW/H	AA2	US-5,605,707	02-25-1997	Ibar	
	AB2	US-5,762,855	06-09-1998	Betters et al.	
	AC2	US-5,766,654	06-16-1998	Groleau	
	AD2	US-5,773,038	06-30-1998	Hettinga	
	AE2	US-5,849,236	12-15-1998	Tatham	
	AF2	US-5,919,492	07-06-1999	Tarr et al.	
	AG2	US-6,045,740	04-04-2000	Gorlich	
	AH2	US-6,062,840	05-16-2000	Lee et al.	
	AI2	US-6,090,318	07-18-2000	Bader	
	AJ2	US-6,099,767	08-08-2000	Tarr et al.	
	AK2	US-6,228,309	05-08-2001	Jones et al.	
	AL2	US-6,245,278	06-12-2001	Lausenhammer et al.	
	AM2	US-6,464,909	10-15-2002	Kazmer et al.	
	AN2	US-6,254,377	07-03-2001	Kazmer et al.	
	AO2	US-6,261,075	07-17-2001	Lee et al.	
	AP2	US-6,287,107	09-11-2001	Kazmer et al.	
	AQ2	US-6,294,122	09-25-2001	Moss et al.	
TW/H	AR2	US-6,309,208	10-30-2001	Kazmer et al.	

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		Country Code ⁴ Kind Code ⁵ (in known)			
TW/H	BA2	JP 58-142833	08-25-1983	Takeshi et al.	
	BB2	JP 60-212321	10-24-1985	Toshitsugu	
	BC2	JP 6-166072	06-14-1994	Murata	
	BD2	JP 63-166511	07-09-1988	Kazutoshi	
	BE2	JP 6-8285	01-18-1994	Toshio	
TW/H	BF2	JP 7-266379	10-17-1995	Rikuro	

Examiner Signature <i>Jim Neubert</i>	Date Considered	4-26-06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/777,643
(Use as many sheets as necessary)				Filing Date	February 13, 2004
				First Named Inventor	Babin <i>et al.</i>
				Art Unit	1722
				Examiner Name	To Be Assigned
				Attorney Docket Number	2107.0580001
Sheet	3	of	5		

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		Country Code ⁴ Kind Code ⁵ (in known)				
TW/H	BA3	JP 7-40400	02-10-1995	Takeda		
	BB3	JP 9-141688	06-03-1997	Araki		
	BC3	JP 9-1600	01-07-1997	Takeo		
	BD3	JP 9-39033	02-10-1997	Teizo <i>et al.</i>		
	BE3	WO 98/56564	12-17-1998	Tarr <i>et al.</i>		
TW/H	BF3	WO 99/54109	10-28-1999	Moss <i>et al.</i>		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				<i>Application Number</i>	10/777,643
				<i>Filing Date</i>	February 13, 2004
				<i>First Named Inventor</i>	Babin et al.
				<i>Art Unit</i>	1722
				<i>Examiner Name</i>	To Be Assigned
				<i>Attorney Docket Number</i>	2107.0580001
(Use as many sheets as necessary)					
Sheet	4	of	5		

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ⁴ Kind Code ⁵ (in known)				
7W/H	BA4	WO 00/35655	06-22-2000	Moeser		
	BB4	WO 01/21377	03-29-2001	Moss <i>et al.</i>		
	BC4	WO 01/36174	05-25-2001	Moeser		
	BD4	WO 01/60580	08-23-2001	Moss <i>et al.</i>		
7W/H	BE4	WO 02/36324	05-10-2002	Doughty <i>et al.</i>		

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Substitute for form 1448B/PTO				Complete If Known	
				<i>Application Number</i>	10/777,643
				<i>Filing Date</i>	February 13, 2004
				<i>First Named Inventor</i>	Babin et al.
				<i>Art Unit</i>	1722
				<i>Examiner Name</i>	To Be Assigned
Sheet	5	of	5	<i>Attorney Docket Number</i>	2107.0580001

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published			T ²
<i>W/H</i>	CA1	"The 5 Step Process - The 5 Step Process is fast becoming an industry standard method for diagnosing and isolating cavity variations in multi-cavity injection molds." Beaumont Technologies, Inc. http://www.meltflipper.com/fivestep/fivestep/html , dated March 14, 2004.			
	CB1	Ewikon Hotrunner systems for large parts, Product Brochure, www.ewikon.com , May 2000.			
	CC1	Cavity pressure and temperature sensor 6190A, Product Brochure "Sensors and Data Acquisition For Injection Molding Cavity Pressure and Temperature Sensor and Dataflow", Kistler Japan Co., Ltd http://www.a-tex.co.jp/plastics/data/243.pdf , 2003.			
	CD1	Knights, Mikell, "Micromolding Sizing Up the Challenges", <i>Plastics Technology</i> http://www.plasticstechnology.com/articles/200104fa1.html , April 2001.			
	CE1	SG-Link™ Wireless Strain Gauge System, Product Brochure, http://www.microstrain.com/SG-link.htm , MicroStrain ®			
	CF1	Nunnery, Len, "Tooling Innovations for Thermoset Molding", Bulk Molding Compounds, Inc. http://www.bulkmolding.com/technical_papers/tooling_thermosetmolding.pdf , 2003			
<i>W/H</i>	CG1	"Pressure and Temperature Control of Multicavity Injection Mold with Hydraulic Valve Gate Hot Mold System," No. 301, p.333, Research Disclosure, Kenneth Mason Publications, Hampshire, GB, May 1989, XP 000052496, ISSN: 0374-4353.			

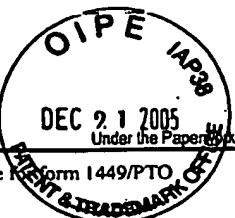
Examiner Signature <i>Tom Neisbrink</i>	Date Considered	<i>4-26-06</i>
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Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/777,643
				Filing Date	February 13, 2004
				First Named Inventor	Denis Babin
				Art Unit	1722
				Examiner Name	Heitbrink, Timothy W.
Sheet 1 of 3				Attorney Docket Number	2107.0580001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
TWH	AAS	3,417,433	12-24-1968	Teraoka	
	ABS	3,861,841	01-21-1975	Hanning	
	ACS	4,657,496	04-14-1987	Ozeki et al.	
	ADS	4,717,324	01-05-1988	Schad et al.	
	AES	5,028,226	07-02-1991	De'ath et al.	
	AFS	5,043,129	08-27-1991	Sorensen	
	AGS	5,143,733	09-01-1992	Von Buren et al.	
	AHS	5,200,207	04-06-1993	Akselrud et al.	
	AIS	5,200,527	04-06-1993	Griffiths et al.	
	AJS	5,223,275	06-29-1993	Gellert	
	AKS	5,454,995	10-03-1995	Rusconi et al.	
	ALS	5,582,851	12-10-1996	Hofstetter et al.	
	AMS	5,650,178	07-22-1997	Bemis et al.	
	ANS	5,814,358	09-29-1998	Bock	
	AOS	5,891,381	04-06-1999	Bemis et al.	
	APS	5,894,023	04-13-1999	Schramm et al.	
	AQS	5,935,614	08-10-1999	Blank et al.	
	ARS	6,699,422	03-02-2004	Stemke	
TWH	ASS	6,903,750	06-07-2005	Sidwell	

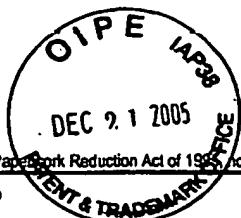
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TWH	BAS	JP 4-348923	12-03-1992	Mitsubishi Materials Corp.	
	BBS	CN 2527427Y	12-25-2002	Shi Xiaoang	X
	BCS	JP 5-104580	04-27-1993	Nat'l Aerospace Lab, et al.	
	BDS	EP 0 393 389 B1	10-24-1990	Husky Injection Molding Systems, Ltd.	
	BES	EP 1 426 160 A1	06-09-2004	Mold-Masters Limited	
	BF5	EP 1 447 200 A2	08-18-2004	Mold -Masters Limited	
TWH	BGS	WO 03/057448 A1	07-17-2003	Synventive Molding Solutions	

Examiner Signature	<i>Tim Heitbrink</i>	Date Considered	<i>4-26-06</i>
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		Filing Date	February 13, 2004
		First Named Inventor	Denis Babin
		Art Unit	1722
		Examiner Name	Hoitbrink, Timothy W.
Sheet	2	of	3
		Attorney Docket Number	

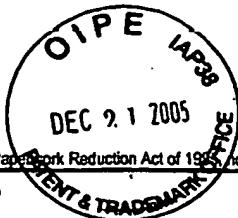
SKGF 472726.1

Examiner Signature	<i>Lia Heebink</i>	Date Considered	4-26-06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		<table border="1"> <tr> <td>Application Number</td> <td>10/777,643</td> </tr> <tr> <td>Filing Date</td> <td>February 13, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Denis Babin</td> </tr> <tr> <td>Art Unit</td> <td>1722</td> </tr> <tr> <td>Examiner Name</td> <td>Heitbrink, Timothy W.</td> </tr> </table>				Application Number	10/777,643	Filing Date	February 13, 2004	First Named Inventor	Denis Babin	Art Unit	1722	Examiner Name	Heitbrink, Timothy W.
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2107.0580001															

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

SKGF_472726.1

Examiner Signature	<i>Jim Hiebink</i>	Date Considered	4-26-06
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Examiner Name	Heitbrink, Timothy W.

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
THH	US1	3,807,914	4-30-1974	Paulson et al.	
	US2				
	US3				
	US4				
	US5				
	US6				
	US7				
	US8				
	US9				
	US10				
	US11				
	US12				
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	FP6					
	FP7					
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